

1 WHAT IS CLAIMED IS:

2 1. A locking female electrical receptor comprising
3 a female receptor body having a pair of holes for receiving
4 a male plug having spaced prongs with punched holes for
5 electrically connecting two electrical lines respectively coupled
6 to said receptor body and the male plug,
7 said receptor body having actuator means mounted for
8 selective relative movement within said receptor body,
9 said actuator means having a manually operated element being
10 accessible from the outside of said receptor body,
11 a pair of locking elements mounted in said receptor body in
12 operative relationship to said actuator means at a position
13 between the spaced prongs for selectively engaging the punched
14 holes of the male plug locking the prongs of the male plug to
15 said receptor body,
16 said actuator means being movable along an axis parallel to
17 the spaced prong to a first position between the spaced prongs
18 for permitting insertion and removal of the prongs relative to
19 said locking elements, and
20 said actuator means being movable along said axis parallel
21 to the spaced prongs to a second position between the spaced
22 prongs in said receptor for simultaneously urging said pair of

1 locking elements outward in opposite directions into locking
2 contact with the prongs of the male plug.

3 2. A locking female electrical receptor comprising
4 a receptor body having holes for receiving the spaced
5 generally parallel prongs having punched holes of a male plug for
6 electrically connecting an electrical line to a power source,
7 said receptor body having actuator means mounted for
8 selective relative movement within said socket receptor body,
9 said actuator means being an elongated shaft extending into
10 said receptor body and having an end portion positioned between
11 said holes of said receptor body, said elongated shaft having an
12 external portion accessible from the outside of said socket
13 receptor body for manually causing said movement relative to said
14 receptor body,
15 at least one locking element mounted in said receptor body
16 in operative relationship to said actuator means for selectively
17 engaging at least one of the punched holes of the male plug
18 locking the male plug to said receptor body,
19 said elongated shaft being movable along an axis in parallel
20 relationship to the parallel prongs to a first position during
21 said movement for permitting insertion and removal of the prongs
22 relative to said locking elements,

1 said elongated shaft being movable along an axis in parallel
2 relationship to the parallel prongs to a second position during
3 said movement in said receptor for urging said at least one
4 locking element into locking contact with at least one prong of
5 the male plug,

6 said elongated shaft having a variable width, and
7 said elongated shaft having a greater width at said second
8 position than in said first position.

9 3. A locking female electrical receptor comprising a receptor
10 body having holes for receiving the spaced, generally parallel
11 prongs having punched holes of a male plug for electrically
12 connecting an electrical line to a power source,

13 said receptor body having actuator means mounted for
14 selective relative movement within said socket receptor body,

15 said actuator means being an elongated shaft extending into
16 said receptor body and having an end portion positioned within
17 said receptor body, said elongated shaft having an external
18 portion accessible from the outside of said socket receptor body
19 for manually causing said movement relative to said receptor
20 body,

21 a locking element mounted in said receptor body in operative
22 relationship to said actuator means for selectively engaging a

1 punched hole of the male plug locking the male plug to said
2 receptor body,

3 said elongated shaft being movable along an axis in parallel
4 relationship to the parallel prongs to a first position during
5 said movement for permitting insertion and removal of the prongs
6 relative to said locking elements,

7 said elongated shaft being movable along an axis generally
8 in parallel relationship to the parallel prongs to a second
9 position during said movement in said receptor for urging said
10 locking element into locking contact with a prong of the male
11 plug,

12 said elongated shaft having a variable width, and

13 said elongated shaft having a greater width at said second
14 position than in said first position.

15 4. The locking female receptor according to Claim 3 wherein
16 said receptor body forms an electrical wall unit.

17 5. The locking female receptor according to Claim 3 wherein
18 said female receptor includes a plurality of pairs of holes for
19 respectively receiving the spaced prongs of a male plug.

1 6. The locking female receptor according to Claim 5 wherein
2 said elongated shaft is capable of urging a plurality of locking
3 elements respectively into locking contact with at least one
4 prong of a plurality of male plugs inserted in said plurality of
5 pairs of holes.

6 7. The locking female receptor according to Claim 5 further
7 comprising a second actuator in operative contact with a second
8 locking element, said second actuator being a shaft having a
9 variable width for permitting insertion and removal of a male
10 plug having prongs inserted in one of said plurality of pairs of
11 holes, said second actuator being movable to a locking position
12 created by increased width of said shaft for urging said second
13 locking element into locking contact with the prong of a male
14 plug.

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